



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/802,781	03/18/2004	Arie Sansolo	1338SAN-IL	4604

32964 7590 10/31/2005

DEKEL PATENT LTD., DAVID KLEIN  
BEIT HAROF'IM  
18 MENUHA VENAHALA STREET, ROOM 27  
REHOVOT, 76209  
ISRAEL

EXAMINER
----------

BUI, LUAN KIM

ART UNIT	PAPER NUMBER
----------	--------------

3728

DATE MAILED: 10/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

6

<b>Office Action Summary</b>	<b>Application No.</b> 10/802,781	<b>Applicant(s)</b> SANSOLO, ARIE	
	<b>Examiner</b> Luan K. Bui	<b>Art Unit</b> 3728	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

*Specification*

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The following is a quotation of 37 CFR 1.71(a)-(c):

- (a) The specification must include a written description of the invention or discovery and of the manner and process of making and using the same, and is required to be in such full, clear, concise, and exact terms as to enable any person skilled in the art or science to which the invention or discovery appertains, or with which it is most nearly connected, to make and use the same.
- (b) The specification must set forth the precise invention for which a patent is solicited, in such manner as to distinguish it from other inventions and from what is old. It must describe completely a specific embodiment of the process, machine, manufacture, composition of matter or improvement invented, and must explain the mode of operation or principle whenever applicable. The best mode contemplated by the inventor of carrying out his invention must be set forth.
- (c) In the case of an improvement, the specification must particularly point out the part or parts of the process, machine, manufacture, or composition of matter to which the improvement relates, and the description should be confined to the specific improvement and to such parts as necessarily cooperate with it or as may be necessary to a complete understanding or description of it.

2. The specification is objected to under 37 CFR 1.71, because failing to provide an adequate written description of the invention. The specification as filed does not provide support for "at least two chambers" as recited in claim 1 because the drawings and the specification only show two chambers.

3. Claims 1-12 are rejected under 35 USC 112, first paragraph, for the reasons set forth in the objection to the specification. To obviate the objection and rejection it is suggest that "at least" be deleted from the claim.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

6. Claims 1, 3, 4, 6-10 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Moy (3,160,061) in view of Hall (4,940,135). Moy discloses a protector comprising a housing (12) and two chambers (16, 40) disposed in the housing with one chamber disposed inside another of the chambers. The chambers formed with a plurality of holes (44-47) along a longitudinal length thereof. Moy also discloses the other claimed limitations except for the housing comprises an end cap at one end and a plug at another end. Hall shows a protector (10) comprising a housing (12) with an end cap (14) at one end of the housing and a plug (15) at another end of the housing. It would have been obvious to one having ordinary skill in the art in view of Hall to modify the housing of Moy so the housing comprising an end cap at one end of

Art Unit: 3728

the housing and a plug at another end of the housing to facilitate removing the chambers from the housing.

As to claims 3 and 4, Moy discloses the chambers are generally concentric with one another and with the housing.

As to claims 6-9, the selection of the specific locations of the holes on the chambers such as the holes of at least one of the chambers are symmetrically spaced from one another or the holes of one of the chambers are spaced angularly from the holes of another of the chambers or the holes of one of the chambers are spaced perpendicularly from the holes of another of the chambers would have been an obvious matter of design choice inasmuch as the resultant structures will work equally well and inasmuch as applicant's specification does not state that using these specific locations as claimed solves any particular problem or yields any unexpected results.

As to claim 10, Moy discloses the protector secured partially or wholly within a transporting vehicles (column 2, line 46-47) which is considered equivalent to the protector is at least partially covered with a protective coating as claimed.

As to claim 12, Hall shows the housing includes a handle (34) (Figure 6).

Art Unit: 3728

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Luan K. Bui whose telephone number is (571) 272-4552. If in receiving this Office Action, it is apparent to Applicant that certain documents are missing from the record for example copies of references cited, form PTO-1449, form PTO-892, etc., requests for copies of such papers should be directed to Ms. Errica Miller at (571) 272-4370.

Any inquiry of a general nature or relating to the status of this application should be directed to the Customer Service whose telephone number is (703) 306-5648. Facsimile correspondence for this application should be sent to (571) 273-8300 for Formal papers and After Final communications.

lkb  
October 27, 2005

A handwritten signature in black ink, appearing to read 'Luan K. Bui', with a stylized flourish at the end.

Luan K. Bui  
Primary Examiner